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DOCKET No.: MS160341.01 / MSFTP392US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: **Susan T. Dumais, et al.**  
Serial No.: **10/607,228**  
Filed: **June 26, 2003**  
For: **SYSTEMS AND METHODS FOR PERSONAL UBIQUITOUS INFORMATION RETRIEVAL AND REUSE.**  
Art Unit: **2171**  
Examiner: **Unknown**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120; or (c) U.S. Patent(s) and published applications(s) since the subject application was filed after June 30, 2003.

Serial No.: 09/894,392 \_\_\_\_\_  
Filing Date: 6/28/2001 \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.


- (c) \_\_\_ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) \_\_\_ The required certification is given below, or
- (2) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement,
- (3) \_\_\_ A credit card payment form is filed concurrently herewith in connection with all fees due regarding this document. In the event any addition fees may be due and/or are not covered by the credit card, the Commissioner is authorized to charge such fees to Deposit Account No. 50-1063.
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4. Certification (if applicable)

- (a) \_\_\_ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) \_\_\_ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

Respectfully Submitted,

By

  
Himanshu S. Amin  
Reg. No. 40,894


24<sup>TH</sup> Floor, National City Center  
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I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Alexandria, Virginia 22313-1450.

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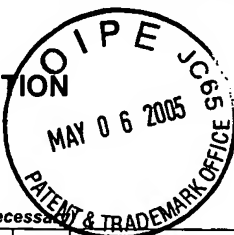
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|------------------------|------------------------|
| Application Number     | 10/607,228             |
| Filing Date            | 6/26/2003              |
| First Named Inventor   | Susan T. Dumais        |
| Art Unit               | 2171                   |
| Examiner Name          | Unknown                |
| Attorney Docket Number | MS160341.01/MSFTP392US |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US- 6,513,046                            | 01-28-2003                     | Abbott, III et al.                                 |   |
|                    |                       | US- 6,747,675                            | 06-08-2004                     | Abbott et al.                                      |   |
|                    |                       | US- 6,801,223                            | 10-05-2004                     | Abbott et al.                                      |   |
|                    |                       | US- 6,842,877                            | 01-11-2005                     | Robarts et al.                                     |   |
|                    |                       | US- 6,466,232                            | 10-15-2002                     | Newell et al.                                      |   |
|                    |                       | US- 6,549,915                            | 04-15-2003                     | Abbott, III et al.                                 |   |
|                    |                       | US- 6,791,580                            | 09-14-2004                     | Abbott et al.                                      |   |
|                    |                       | US- 6,812,937                            | 11-02-2004                     | Abbott et al.                                      |   |
|                    |                       | US- 2001/0040591                         | 11-15-2001                     | Abbott et al.                                      |   |
|                    |                       | US- 2001/0043232                         | 11-22-2001                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0044152                         | 04-18-2002                     | Abbott, III et al.                                 |   |
|                    |                       | US- 2002/0052963                         | 05-02-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0054174                         | 05-09-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0080155                         | 06-27-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0083025                         | 06-27-2002                     | Robarts et al.                                     |   |
|                    |                       | US- 2002/0087525                         | 07-04-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2003/0046401                         | 03-06-2003                     | Abbott et al.                                      |   |
|                    |                       | US- 2005/0034078                         | 02-10-2005                     | Abbott et al.                                      |   |

**FOREIGN PATENT DOCUMENTS**

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|                    |                       | US- 2001/0040590                         | 11-15-2001                     | Abbott et al.                                      |   |
|                    |                       | US- 2001/0043231                         | 11-22-2001                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0032689                         | 03-14-2002                     | Abbott, III et al.                                 |   |
|                    |                       | US- 2002/0052930                         | 05-02-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0054130                         | 05-09-2002                     | Abbott, III et al.                                 |   |
|                    |                       | US- 2002/0078204                         | 06-20-2002                     | Newell et al.                                      |   |
|                    |                       | US- 2002/0080156                         | 06-27-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0083158                         | 06-27-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2002/0099817                         | 07-25-2002                     | Abbott et al.                                      |   |
|                    |                       | US- 2003/0154476                         | 08-14-2003                     | Abbott, III et al.                                 |   |
|                    |                       | US- 5,603,054                            | 02-11-1997                     | Theimer et al.                                     |   |
|                    |                       | US- 5,555,376                            | 09-10-1996                     | Theimer et al.                                     |   |
|                    |                       | US- 5,611,050                            | 03-11-1997                     | Theimer et al.                                     |   |
|                    |                       | US- 5,544,321                            | 08-06-1996                     | Theimer et al.                                     |   |
|                    |                       | US- 5,493,692                            | 02-20-1996                     | Theimer et al.                                     |   |
|                    |                       | US- 5,812,865                            | 09-22-1998                     | Theimer et al.                                     |   |
|                    |                       | US-                                      |                                |  |   |
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|   |   |    |   | Examiner Name            | Unknown                |
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|                                 |                       | ANDY HARTER, et al., A Distributed Location System for the Active Office, IEEE Network, 1994, pp. 62-70.  |                |
|                                 |                       | GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.  |                |
|                                 |                       | WILLIAM NOAH SCHILT, A System Architecture for Context-Aware Mobile Computing, Columbia University, 1995, 153 pages.  |                |
|                                 |                       | MIKE SPREITZER, et al., Providing Location Information in a Ubiquitous Computing Environment, SIGOPS '93, 1993, pp.270-283.   |                |
|                                 |                       | MARVIN THEIMER, et al., Operating System Issues for PDAs, In Fourth Workshop on Workstation Operating Systems, 1993, 7 pages.   |                |
|                                 |                       | ROY WANT, Active Badges and Personal Interactive Computing Objects, IEEE Transactions on Consumer Electronics, 1992, 11 pages, Vol. 38 - No. 1.   |                |
|                                 |                       | BILL N. SCHILIT, et al., The ParcTab Mobile Computing System, IEEE WWOS-IV, 1993, 4 pages.  |                |
|                                 |                       | BILL SCHILIT, et al., Context-Aware Computing Applications, In Proceedings of the Workshop on Mobile Computing Systems and Applications, December 1994. pp. 85-90.  |                |
|                                 |                       | BILL N. SCHILIT, et al., Customizing Mobile Applications, Proceedings USENIX Symposium on Mobile and Location Independent Computing, August 1993, 9 pages.  |                |
|                                 |                       | MIKE SPREITZER, et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994. pages 29-38.   |                |

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| Examiner Signature |  | Date Considered |  |
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|                                 |                       | MIKE SPREITZER et al., Scalable, Secure, Mobile Computing with Location Information, Communications of the ACM, July 1993, 1 page, Vol. 36 - No. 7.   |                |
|                                 |                       | ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.   |                |
|                                 |                       | MARK WEISER, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36 - No. 7.  |                |
|                                 |                       | M. BILLINGHURST, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.  |                |
|                                 |                       | BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.    |                |
|                                 |                       | ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.  |                |
|                                 |                       | BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.  |                |
|                                 |                       | ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.   |                |
|                                 |                       | BILL N. SCHILIT, et al., Disseminating Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.   |                |
|                                 |                       | MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.  |                |

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|                                 |                       | BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Memory, Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.  |                |
|                                 |                       | Workshop on Wearable Computing Systems, August 19-21, 1996.   |                |
|                                 |                       | MARK BILLINGHURST, Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.  |                |
|                                 |                       | Mark Weiser, The Computer for the 21st Century, Scientific American, September 1991, pp. 94-104, Vol. 265 - No. 3.  |                |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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